Master of Science in
Digital Innovation and Technology Management (MSc-DITM)
數字創新與科技管理 理學碩士
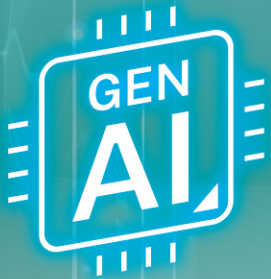
5G
GEN AI
BIG DATA
IOT

2025 現正招生

Programme Introduction
課程簡介 ////////

In an era where digital transformation and technological innovation are at the forefront of strategic business operations, the Master of Science in Digital Innovation and Technology Management (MSc-DITM) Programme offers a unique blend of strategic and technical education. This Programme is meticulously designed to prepare future leaders who can not only navigate state-of-the-art technologies but also drive change through the strategic use of technology across diverse organizational landscapes.

在數字轉型和技術創新成為戰略業務的時代，數字創新與科技管理理學碩士課程（MSc-DITM）提供了獨特的戰略和技術教育。該課程精心設計，旨在培養未來領導者，他們不僅能夠洞察前沿科技，還能通過戰略技術的運用驅動不同組織的革新。

Programme Features
課程特色 ///////////

- **Strategic Technology Management:** Courses focusing on the strategic roles of technology in business, from enhancing competitive advantage to optimizing operational efficiency.
- **Advanced Business Analytics:** In-depth study of how to analyze and interpret complex datasets to make informed business decisions.
- **Digital Transformation Leadership:** Understanding the methodologies and leadership skills necessary to guide organizations through significant digital transformation.
- **Innovative System Design:** Learning about the creation and implementation of intelligent systems that can think, learn, and adapt, enhancing business processes and customer engagement.

- **戰略技術管理：**課程著重於科技在商業中的戰略地位，從增強競爭優勢到優化運營效率。
- **進階商業分析：**深入研究如何分析和解釋複雜數據以作出明智的商業決策。
- **數字轉型領導力：**掌握通過大數據技術所需的改革方法和領導技能。
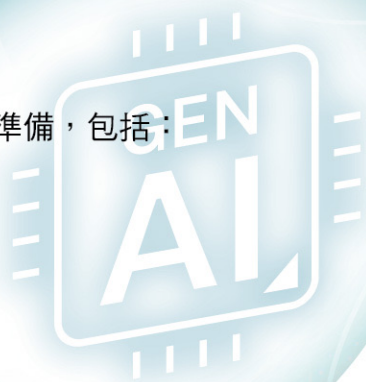- **創新系統設計：**學習創建和實施能夠思考、學習和適應的智能系統，以增強業務流程和客戶互動。

Career Prospects
就業前景 ///////////

Graduates of the MSc-DITM Programme are well-prepared for a variety of roles, including:
- Chief Digital Officer
- Digital Transformation Consultant
- Business Analytics Director
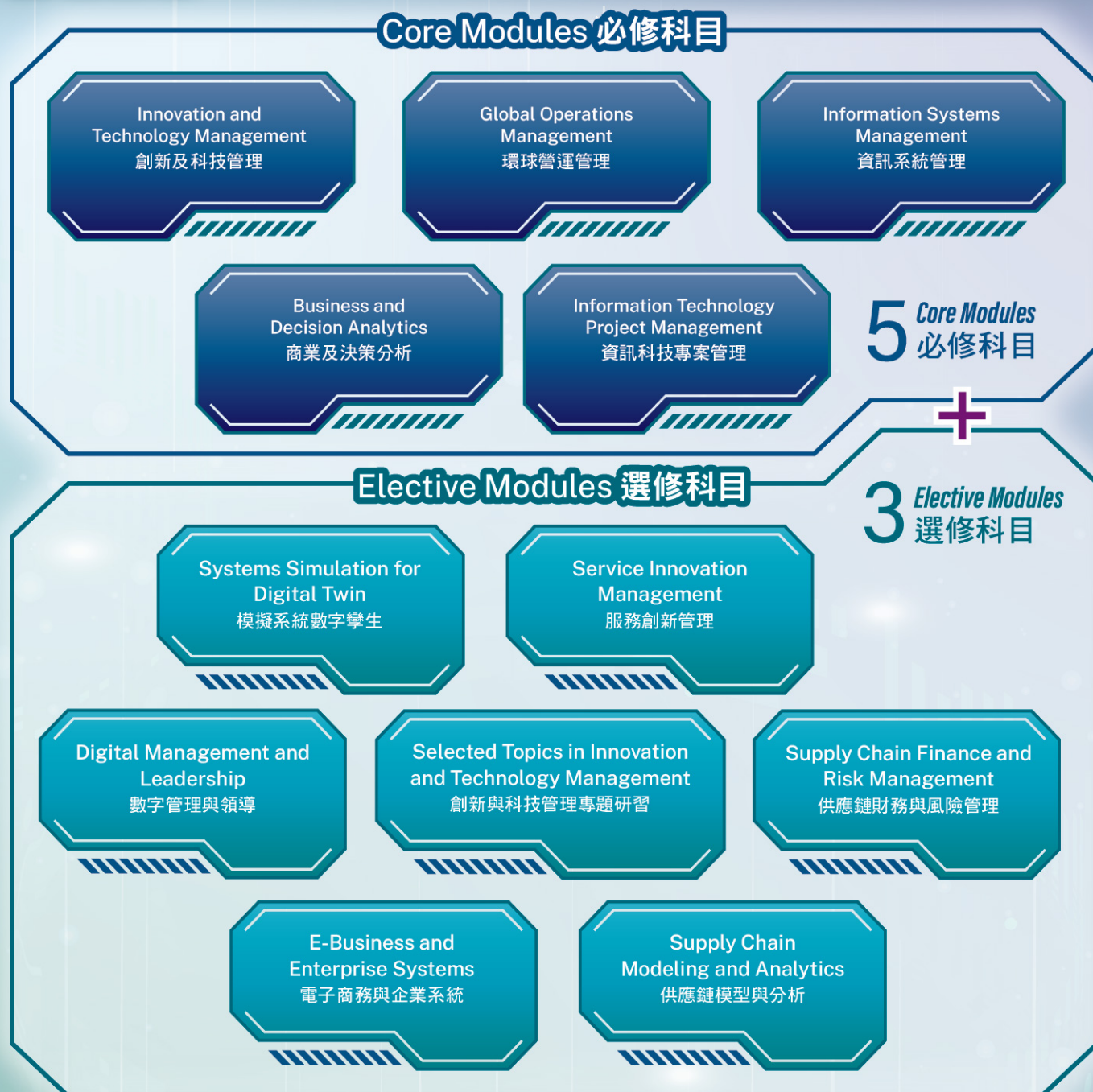- AI Strategy Manager
- Systems Innovation Executive

數字創新與科技管理理學碩士課程的畢業生為多種角色做好了充分準備，包括：
- 首席數字官
- 數字轉型顧問
- 商業分析總監
- 人工智能策略經理
- 系統創新執行官

Programme Curriculum
課程結構 ///////////

Core Modules 必修科目

Innovation and Technology Management
創新及科技管理

Global Operations Management
環球營運管理

Information Systems Management
資訊系統管理

Business and Decision Analytics
商業及決策分析

Information Technology Project Management
資訊科技專案管理

5 *Core Modules*
必修科目

+

Elective Modules 選修科目

3 *Elective Modules*
選修科目

Systems Simulation for Digital Twin
模擬系統數字孿生

Service Innovation Management
服務創新管理

Digital Management and Leadership
數字管理與領導

Selected Topics in Innovation and Technology Management
創新與科技管理專題研習

Supply Chain Finance and Risk Management
供應鏈財務與風險管理

E-Business and Enterprise Systems
電子商務與企業系統

Supply Chain Modeling and Analytics
供應鏈模型與分析

* Number of electives to be offered will be subject to the curriculum plan of each academic year 選修科目選項將取決於該學年的課程計劃

Programme Duration 學制

- One year (Full-time) 一年（全日制）
- Two years (Part-time) 二年（兼讀制）

Medium of Instruction 授課語言

- English 英語

Graduation Requirements 學位授予

Completion of Eight 3-credit modules (in total 24 credits): Five core modules and three elective modules; and Four Professional Development Activities; and Attainment of a minimum cumulative GPA of 2.0

完成8個科目（每個科目3學分），共24學分，包括5個必修科目及3個選修科目；及4項專業發展活動；及累積平均積點達到 2.0 或以上。

Well-established SCM Department
極具規模的供應鏈管理學系 ////////

師資　Profiles

巫耀榮 副教授 課程主任 香港科技大學博士　**Daniel MO, PhD (HKUST)** Associate Professor, Programme Director
決策科學學院副院長　Associate Dean (Engagement and Undergraduate Studies) of School of Decision Sciences
雲創學院主任　Head of Cloud Innovation School
供應鏈系統優化，智能系統設計，環球營運管理　Supply Chain Systems Optimization, Design of Intelligent Systems, Global Operations Management

胡鎮浩 副教授 課程副主任 香港理工大學博士　**Jack WU, PhD (PolyU)** Associate Professor, Associate Programme Director
工業物聯網，智能物流與製造　Industrial Internet-of-Things, Smart Logistics and Manufacturing

陳偉光 客席教授 澳洲新南威爾斯大學博士　**Samuel CHAN, PhD (University of New South Wales)** Adjunct Professor
數據驅動的決策模型，生成式人工智能的數字化轉型　Data-Driven Decision Modelling, Generative AI in Digital Transformation

黃惠虹 副教授 香港中文大學博士　**Collin WONG, PhD (CUHK)** Associate Professor
ESG研究中心副主任　Associate Director of Research Centre for ESG
交通數據分析與規劃，多式聯運貨運規劃與管理，　Transport data analytics and planning, Multi-modal freight planning and management,
海港與機場規劃　Sea port and airport planning

黃彥璋 副教授 香港大學博士　**Eugene WONG, PhD (HKU)** Associate Professor
供應鏈卓越創新中心主任　Director of Supply Chain Excellence and Innovation Centre
海事及航空物流，供應鏈脫碳，航運法　Maritime and Aviation Logistics, Supply Chain Decarbonisation, Shipping Law

何道森 副教授 香港理工大學博士　**George HO, PhD (PolyU)** Associate Professor
數字學習中心副主任　Associate Director (Digital Learning) of Centre for Teaching and Learning
物聯網應用與商業智能　Internet-of-Things Applications and Business Intelligence

馬凱琳 副教授 香港理工大學博士　**Helen MA, PhD (PolyU)** Associate Professor
大數據與機器學習交通網絡分析　Big Data and Machine Learning in Transportation Network Analysis

吳志雄 副教授 香港中文大學博士　**Stephen NG, PhD (CUHK)** Associate Professor
供應鏈及資訊管理學系系主任　Head of Department of Supply Chain and Information Management
供應鏈質量與風險管理　Supply-Chain Quality and Risk Management

藍凱欣 助理教授 香港理工大學博士　**Cathy LAM, PhD (PolyU)** Assistant Professor
大數據智能中心主任　Director of Big Data Intelligence Centre
供應鏈數字轉型與數據分析　Supply Chain Digital Transformation and Data Analytics

何熾權 助理教授 香港理工大學博士　**Danny HO, PhD (PolyU)** Assistant Professor
可持續供應鏈管理與運營戰略　Sustainable Supply Chain Management, Operations Strategy

鄒成業 助理教授 香港大學博士　**Paul ZOU, PhD (HKU)** Assistant Professor
服務系統優化，預測管理，智能醫療　Service Systems Optimization, Forecasting Management, Smart Healthcare

鄧慧盈 助理教授 香港理工大學博士　**Valerie TANG, PhD (PolyU)** Assistant Professor
人工智能，機器人流程自動化，供應鏈管理　Artificial Intelligence, Robotic Process Automation, Logistics and Supply Chain Management

倪冰 講師 香港中文大學博士　**Icy NI, PhD (CUHK)** Lecturer
大數據可視分析與機器學習　Big Data Visual Analytics and Machine Learning
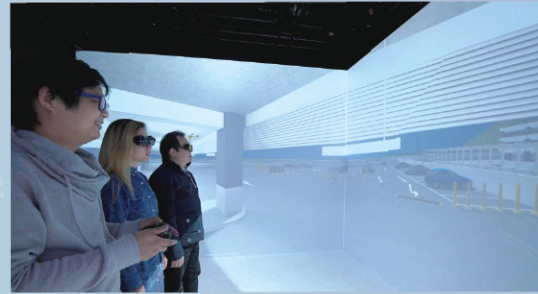
Programme Facilities
課程設施 ////////

Students have a chance to use the following state-of-the-art computing laboratories and facilities.
學生可使用以下多個尖端實驗室和設施。

Laboratory Facilities 實驗室設施

Decision Sciences
Technology Laboratory
決策科學科技實驗室

Virtual Reality and
Big Data Analytics Laboratory
虛擬實境及大數據分析研究實驗室

Research and Development Centres 研發中心

Big Data Intelligence Centre (BDIC)
大數據智能中心
https://bdic.hsu.edu.hk/

Cloud Innovation School (CIS)
雲創學院
https://cis.hsu.edu.hk/en/

Industry Support
業界支持 ////////

The Programme receives strong supports from well-known companies in the industry
本課程得到業界知名機構的大力支持

- **Curriculum design:** the curriculum is designed in consultation with industrial partners to make sure the course contents meet the fast-changing industrial demand
  課程設計：本課程的設計參考來自業界顧問提供的意見，以確保內容緊貼最新形勢和業界需求

- **Systems support:** state-of-the-art software and hardware for students to gain hands-on laboratory experience
  系統支持：本課程配備先進的軟件及硬件系統，讓學生獲得實際的實驗室體驗

- **Teaching support:** industrial partners, including AWS and Google, provide active and practical teaching support and guest lectures
  教學支持：本課程得到商業夥伴（包括AWS 和 Google）提供實質的教學支持，以及業界專家講座

Admission Requirements and Tuition Fees (2025/26 Entry)
入學要求及學費（2025/26 學年）

Admission Requirements 入學要求

1. A bachelor's degree in business administration, information management, operations management, industrial engineering, computer science or related disciplines from a recognised university; and
2. Fulfilment of one of the following English language proficiency requirements if the applicant's bachelor's degree was not obtained from a university/tertiary institution where English is the medium of instruction:

   - TOEFL *≥ 550 (paper-based), ≥ 79 (Internet-based) ;
   - IELTS *≥ 6.0 ;
   - CET 6 ≥ 430 or "Pass" if the test was taken before June 2005;
   - TEM-4 ≥ 70;
   - OR equivalent qualification.

   *TOEFL and IELTS results are considered valid two years from the test date.

1. 具有獲認可的大學工商管理、資訊管理、營運管理、工業工程、計算機科學（或相關學科）的本科學位學歷，及
2. 申請者如畢業於非英語授課的大學，必須完成以下任何一項英語語言能力考試：

   - 托福 *≥ 550（筆考），≥ 79（網考）；
   - 雅思 *≥ 6.0；
   - 大學英語六級考試 ≥ 430；或「合格」(僅適用於2005年6月前)；
   - 英語專業四級考試 ≥ 70；
   - 或與上述條件同等的資歷

   *TOEFL及IELTS成績自考試日起兩年內有效

Online registration
網上報名

https://bit.ly/3BoF1jj

Tuition Fees 學費

Local Student 本地學生
HK$151,200
for total 24 credits (總計24個學分)
HK$6,300 per credit (每學分)

Non-Local Student 非本地學生
HK$192,000
for total 24 credits (總計24個學分)
HK$8,000 per credit (每學分)

IoT

5G

Message from Industry Leaders
業界領袖寄語 ///////

You can learn a variety of industry-related knowledge from this programme, including Artificial Intelligence, Internet of Things, and Big Data Analysis, as well as the knowledge of Blockchain and Machine Learning. The programme also demonstrates the knowledge via many industry cases. — Nothing in the world is complicated for one who sets his mind on it. Chance favours the prepared mind.

— Dr Rocky Lam
(Business Director, Vantis Consulting Group)

課程內容非常豐富，包括人工智能、物聯網和大數據分析的教學內容，亦有區塊鏈及機器學習的方案教授，還會透過很多工業應用案例呈現不同知識 —— 世上無難事，只怕有心人，機會是留給有準備的人。

— 林志明博士
(雲特思顧問集團董事總經理)

In the era of the digital economy, business analytics, digital innovation, technology management, and strategic decision-making are critical competitive advantages for companies striving to succeed in the market. This programme is thoughtfully designed to integrate both technological and organizational modules, equipping students to become digital driven business leaders.

— Matthew Chan
(Founder & CEO, Dynamic Flywheel Digital Limited)

在數位經濟時代，商業分析、數字創新、技術管理和戰略決策是企業在市場中取得成功的重要競爭優勢。這課程精心設計，融合了技術和組織管理元素，旨在培養學生成為數字驅動的商業領袖。

— 陳超琼先生
(動力飛輪數智創始人兼首席執行官)

Admission Enquiries
入學查詢 ///////

Qualifications Framework 資歷架構

QR Registration No.: 25/000336/L6
Registration Validity Period: 01/09/2025 to 31/08/2028
QF Level: 6

In case of any discrepancy between the English and Chinese versions of this leaflet, the English version shall prevail.
本課程簡介以英文為準，中文譯本僅供參考。

The Hang Seng University of Hong Kong is incorporated in Hong Kong with limited liability by guarantee.
香港恒生大學是一間於香港註冊成立之擔保有限公司。

Information updated as of February 2025.
有關資料更新至2025年2月。